

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Beartooth Oil & Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

566' FNL, 2071' FEL

At proposed prod. zone

660' FNL, 660' FEL (NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

40 miles northwest of Mack, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

1200

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2798'

19. PROPOSED DEPTH

6254

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6812' GL, 6823' KB

22. APPROX. DATE WORK WILL START*

September 10, 1983

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32.3# H-40 STC	200'	150 sacks Class "G"
8-3/4"	7" New	20# K-55 STC	2200'	150 sacks 50-50 pozmix
6-1/4"	4-1/2"	11.6# N-80 LTC	6254	175 sacks RFC

1. Surface formation is the Mesaverde
2. Anticipated geologic markers are: Castlegate 1881', Dakota 5637', Morrison 5791', Salt Wash 6151' (Note: All are measured depths with an average deviation of 13°.)
3. Gas is anticipated in the Castlegate, Dakota, Morrison and in the Salt Wash. No oil or other minerals are anticipated. Possible water sands are expected in the Mesaverde.
4. Proposed casing program: See Item No. 23 above.
5. Pressure control equipment: See attached well control plan and schematic of drilling contractor's BOP stack. BOP's will be tested before drilling out from under surface casing and checked daily.
6. Air or mist drilling will be used to drill the surface hole unless water is encountered. If water is encountered, chemical-gel type mud will be used. The well will be air
(continued on back page)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

James G. Routson
James G. Routson

TITLE

Petroleum Engineer

DATE

8/4/83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Kenneth V. Rhee

TITLE

Associate District Manager

DATE

8/27/83

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

FLARING OR VENTING OF
GAS IS SUBJECT OF NTL 4-A
DATED 1/1/80SUBJECT TO RIGHT OF WAY
APPROVAL

State of Utah - Oil & Gas

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE : 1981 O - 345-739

drilled from under surface casing to total depth, unless a correctional motor run is necessary. If so, the well will be mist drilled starting at that point.

7. Auxiliary equipment: See well control plan.
8. The logging program will consist of a DIL log from TD to base of intermediate casing, and GR-FDC-SNP or CNL logs from TD to above the Frontier. A directional log will also be run. No cores or DST's are planned.
9. No abnormal pressures or temperatures are anticipated. No poisonous gas is anticipated.
10. Anticipated spud date is September 10, 1983. Completion operations should commence within 30 days of rig release.
11. Survey plats are attached.
12. The gas is dedicated to Mesa Pipeline.
13. Designation of Agent forms from Trend have been sent to the MMS Unit Division in Salt Lake City.
14. This well will be drilled under Trend's bond.

RECEIVED

AUG 30 1983

DIVISION OF
OIL, GAS & MINING

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Beartooth Oil & Gas Company Well No. Unit No. 17
Location NW¼NE¼ Sec. 17, T. 17 S., R. 24 E. Lease No. U-026

**A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling producing, suspended, or abandoned shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.
3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (Form 9-331). Unless the plugging is to take place immediately upon receipt of oral approval, the District Manager must be notified at least 48 hours in advance of the plugging of the well in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form 9-331) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a follow-up report on form 9-331 should be filed when all surface restoration has been completed and the location is considered ready for final inspection.

4. The spud date will be reported orally to the respective District Manager's office within 48 hours after spudding. If the spudding occurs on a week-end or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Manager's office on a frequency and form or method as may be acceptable to the District Manager.

In accordance with NTL-1, this well must be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed, in duplicate, directly with Royalty Management Accounting Center, Minerals Management Service, P. O. Box 2859, Casper, Wyoming 82602.

Any change in the program must be approved by the District Manager. "Sundry Notices and Reports on Wells" (form 9-331) must be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alteration of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6, and prior approval by the District Manager.

5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (form 9-330) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 30 CFR 221.59. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 9-330. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by this office.
6. Significant surface values (are) (are not) involved at this location. Accordingly, you (must) (need not) notify at least (24) (48) hours prior to commencing field operations to allow this office to have personnel present for consultation during the construction of roads and locations.

Your contact with the District Office is: Tom Hare

Office Phone: 801-259-6111 Ext 235 Home Phone: 801-259-7965

City: Moab State: Utah

Resource Area Manager's Address and contacts are:

Address: Old Sand Flats Road, P.O. Box M, Moab, Utah 84532

Your contact is: Wayne Svejnoha

Office Phone: 801-259-8193 Home Phone: 801-259-8476

7. SURFACE OPERATING STANDARDS

Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development". This includes but is not limited to such items as road construction and maintenance, handling of top soil and rehabilitation.

8. If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must be filed, for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Manager's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
10. This permit is valid for a period of one year from the date of approval. If construction does not commence within 90 days from approval, the operator must contact this office 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, it is required that a new application be filed for approval for any future operations.
11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.
12. This Application for Permit to Drill is approved subject to the requirement that, should the well be successfully completed for production, this office must be notified when it is placed in a producing status. Such notification will be by telegram or other written communication, and must be received in this office by not later than the first business day next following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address and telephone number.
 - b. Well name and number.
 - c. Well location (1/4, 1/4, Section, Township, Range and Prime Meridian).
 - d. Date was placed in a producing status.
 - e. The nature of the well's production, i.e. crude oil, or crude oil and casinghead gas, or natural gas and entrained liquid hydrocarbons.

f. The OCS, Federal or Indian lease prefix and number on which the well is located. Otherwise, the non-Federal or non-Indian land category, i.e. State or private.

g. If appropriate, the unit agreement name, number and participating area name.

h. If appropriate, the communitization agreement number.

13.

SUPPLEMENTAL STIPULATIONS OF APPROVAL ATTACHED

ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

- (1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- (2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.
- (3) All disturbed areas not required for operations will be rehabilitated.
- (4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.
- (5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.
- (6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.
- (7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.
- (8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.
- (9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.
- (10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.
- (11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.
- (12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Dakota formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aquifers.

Supplemental Stipulations

Beartooth Unit # 17 Lease U-026
Sec. 17, T.17S., R. 24 E.
Grand County, Utah

- 1) The operator or his contractor will contact the Grand Resource Area Office (Wayne Svejnoha) in Moab, Utah (phone (801) 259-8193) 48 hours prior to the beginning and work on public land.
- 2) The dirt contractor will be furnished with an approved copy of the surface use plan including conditions of approval prior to any work.
- 3) All vegetation and trees removed along the access route will be stockpiled on the uphill side of the road.
- 4) Fencing material for the reserve pits will be 4 strands of barb wire.
- 5) Reserve pit will be designed to drain north.
- 6) If possible, a vegetative buffer should be left around the location to minimize visual impacts.
- 7) All trees not left for a buffer will be removed from the pad and stockpiled on the west edge of the pad, south of the access road.
- 8) Any burning will require a permit from the State Land and Forestry and Fire Control Office in Moab (phone (801) 259-6316).

SEED MIXTURE

<u>Species</u>		lbs/acre
<u>Grasses</u>		
Elymus salinus	Salina wildrye	1
Oryzopsis hymenoides	Indian ricegrass	1
<u>Forbs</u>		
Melilotus officinalis	Yellow sweetclover	.5
<u>Shrubs</u>		
Amelanchier utahensis	Utah serviceberry	1
Cowania mexicana	Mexican cliffrose	2
		<hr/> 5.5 lbs/acre

Broadcast seed will be applied at double the above rate.

Seeding will be done in the fall of the year (Oct. - Dec.) however, if the company desires, once the reserve pit is dry rehabilitation and reseeding can commence. This may allow or fascilitate completion of the location while the earthmoving equipment is still on location.

BEARTOOTH OIL & GAS COMPANY _____

P.O. Box 2564
Billings, Montana 59103
(406) 259-2451

August 4, 1983

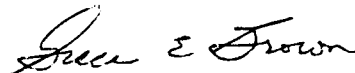
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Gentlemen:

Enclosed please find Applications for Permit to Drill covering
our Bryson Canyon Unit No. 16 and Bryson Canyon Unit No. 17 ✓
wells in Grand County, Utah for your approval.

Yours very truly,

BEARTOOTH OIL & GAS COMPANY



Grace E. Brown
Drilling Department

gb

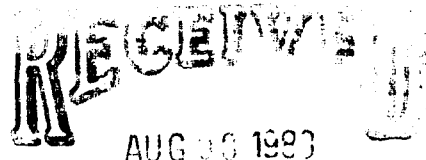
Enclosures

cc: Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Mr. Cody Hansen - BLM
170 South, 500 East
Vernal, Utah

Mr. Paul Brown - BLM
P. O. Drawer M
Moab, Utah 84532

Mr. Ken Currey



DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Beartooth Oil & Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

566' FNL, 2071' FEL NW 1/4 NE 1/4
At proposed prod. zone 660' FNL, 660' FEL (NE 1/4 NE 1/4 Sec. 17)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

40 miles northwest of Mack, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

1200

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2798'

19. PROPOSED DEPTH

6254

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6812' GL, 6823' KB

22. APPROX. DATE WORK WILL START*

September 10, 1983

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32.3# H-40 STC	200'	150 sacks Class "G"
8-3/4"	7" New	20# K-55 STC	2200'	150 sacks 50-50 pozmix
6-1/4"	4-1/2"	11.6# N-80 LTC	6254	175 sacks RFC

- Surface formation is the Mesaverde
- Anticipated geologic markers are: Castlegate 1881', Dakota 5637', Morrison 5791', Salt Wash 6151' (Note: All are measured depths with an average deviation of 13°.)
- Gas is anticipated in the Castlegate, Dakota, Morrison and in the Salt Wash. No oil or other minerals are anticipated. Possible water sands are expected in the Mesaverde.
- Proposed casing program: See Item No. 23 above.
- Pressure control equipment: See attached well control plan and schematic of drilling contractor's BOP stack. BOP's will be tested before drilling out from under surface casing and checked daily.
- Air or mist drilling will be used to drill the surface hole unless water is encountered. If water is encountered, chemical-gel type mud will be used. The well will be air (continued on back page)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

James G. Routson

TITLE

Petroleum Engineer

DATE

8/4/83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE:

BY:

8/10/83

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE : 1981 O - 345-739

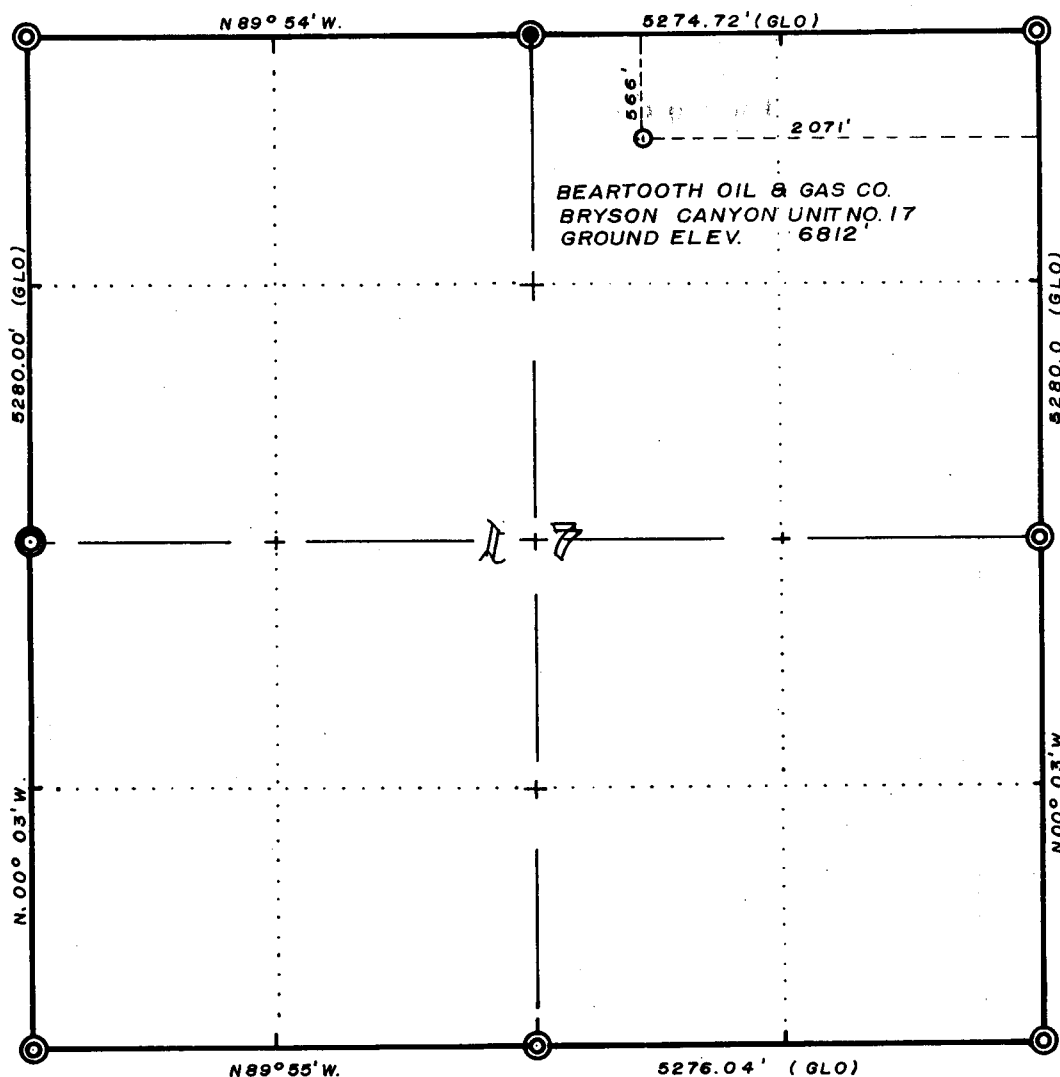
drilled from under surface casing to total depth, unless a correctional motor run is necessary.

If so, the well will be mist drilled starting at that point.

7. Auxiliary equipment: See well control plan.
8. The logging program will consist of a DIL log from TD to base of intermediate casing, and GR-FDC-SNP or CNL logs from TD to above the Frontier. A directional log will also be run. No cores or DST's are planned.
9. No abnormal pressures or temperatures are anticipated. No poisonous gas is anticipated.
10. Anticipated spud date is September 10, 1983. Completion operations should commence within days of rig release.
11. Survey plats are attached.
12. The gas is dedicated to Mesa Pipeline.
13. Designation of Agent forms from Trend have been sent to the MMS Unit Division in Salt Lake City.
14. This well will be drilled under Trend's bond.

FILED
OCT 10 1983
SALT LAKE CITY
FEDERAL BUREAU OF INVESTIGATION
U.S. DEPARTMENT OF JUSTICE

SEC. 17, T. 17S, R. 24E OF THE S.L.M.



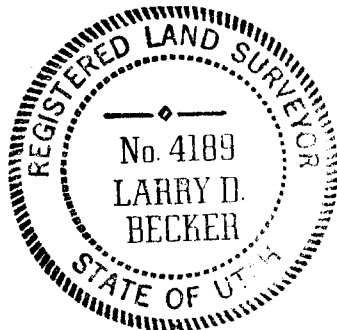
LEGEND

- ⊙ STANDARD LOCATION OF GLO SECTION CORNERS
- ⊙ GLO CORNERS FOUND
- WELL LOCATION STAKED.

REFERENCE DOCUMENTS

1926 GLO PLAT
 DRY CANYON, UTAH
 QUADRANGLE, USGS

THIS WELL LOCATION PLAT WAS PREPARED FOR BEARTOOTH OIL & GAS CO.
 TO LOCATE THE BRYSON CANYON UNIT NO. 17, 566' F.N. L. &
2071' F.E. L. IN THE NW 1/4 NE 1/4, OF SECTION 17, T. 17S, R. 24E.
 OF THE SLM GRAND COUNTY, UTAH



SURVEYOR'S CERTIFICATE

I, LARRY D. BECKER A REGISTERED LAND SURVEYOR IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT REPRESENTS SAID SURVEY.

Larry D. Becker

SURVEYED	7.21	
DRAWN	7.25	
CHECKED	7.26	

ENERGY
 SURVEYS &
 ENGINEERING CORP.

715 HORIZON DRIVE, SUITE 330
 GRAND JUNCTION, CO 81501
 (303) 245-7221

SCALE 1" = 1000'
 JOB NO.
 SHEET OF

DESIGNATION OF AGENT

BRYSON CANYON UNIT #17

Supervisor, Oil and Gas Operations:

The undersigned is, on the records of the Geological Survey, Unit Operator under the Bryson Canyon Unit Agreement, Grand County, Utah (state), No. 14-08-0001-7308 approved 12-27-60 and hereby designates:

NAME: BEARTOOTH OIL & GAS COMPANY

ADDRESS: P. O. Box 2564
Billings, MT 59103

as its agent, with full authority to act in its behalf in complying with the terms of the Unit Agreement and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing and completing unit well No. 17 in the NW NE Sec. 17, T. 17S, R. 24E, S1M, Grand County, Utah.

It is understood that this designation of agent does not relieve the Unit Operator of responsibility for compliance with the terms of the Unit Agreement and the Oil and Gas Operating Regulations. It is also understood that this designation of agent does not constitute an assignment of any interest under the Unit Agreement or any lease committed thereto.

In case of default on the part of the designated agent, the Unit Operator will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The Unit Operator agrees promptly to notify the oil and gas supervisor of any change in the designated agent.

This designation of agent is deemed to be temporary and in no manner a permanent arrangement.

This designation is given only to enable the agent herein designated to drill the above-specified unit well. Unless sooner terminated, this designation shall terminate when there is filed in the appropriate district office of the U. S. Geological Survey a completed file of all required Federal reports pertaining to subject well. It is also understood that this designation of agent is limited to field operations and does not cover administrative action requiring specific authorization of the Unit Operator.

TREND OIL COMPANY

By: *John Douglas*

Unit Operator

July 25, 1983

PLAN OF DEVELOPMENT
FOR SURFACE USE FOR THE
BEARTOOTH OIL & GAS COMPANY

BRYSON CANYON UNIT #17
NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 17-T17S-R24E
Grand County, Utah

1. Existing Roads - a legible map showing: See Map #1

- A. Proposed well site as staked. (Actual staking should include two each 200-foot directional reference stakes.): See Survey Plat #1
- B. Route and distance from nearest town or locatable reference point to where well access route leaves main road: This proposed well is approx. 25 miles north of the I-70 Westwater Exit. It is reached by going 1.4 miles east on old Highway 6 & 50; turn left and go 8.3 miles, turn left and go 6.4 miles, turn right and go 3.9 miles up East Canyon, turn left and go 3 miles up Paradise Hill, turn left and go 1.9 miles to the location.
- C. Access road(s) to location color-coded or labeled: See Maps #1 and #3.
Existing road is colored green, new road is colored red.
- D. If exploratory well, all existing roads within a 3-mile radius (including type of surface, conditions, etc.): N/A
- E. If development well, all existing roads within a 1-mile radius of wellsite:
All existing roads are shown on Map #1.
- F. Plans for improvement and/or maintenance of existing roads: Portions of the existing road is County road. Beartooth will do some minor up-grading on the last 1.5 miles of existing road. Occasional blading is done by producing and pipeline companies in the area.

2. Planned Access Roads - See Map #1

Map showing all necessary access roads to be constructed or reconstructed, showing:

- (1) Width & Disturbance: The 0.2 mile of new road will be constructed to BLM-Moab Class III road standards. It will have an 18' driving surface with a total disturbed width of 40 to 70 feet as topography dictates.
- (2) Maximum grades: The maximum grade is 8%
- (3) Turnouts: Turnouts will be constructed so that they are inter-visible.
- (4) Drainage design: Natural drainage; road will follow contour of the land. Water will be brought across the road through water dips.
- (5) Location and size of culverts and brief description of any major cuts and fills: No culverts are planned.
- (6) Surfacing material: Native material only; no material will be brought in.
- (7) Necessary gates, cattleguards, or fence cuts: No fences will be crossed.
- (8) New or reconstructed roads are to be center-line flagged at time of location staking: The road is flagged. All trees will be windrowed to the upper side of the road.

3. Location of Existing Wells

Two-mile radius map if exploratory, or 1-mile radius map if development well showing and identifying existing (see Well Map No. 2)

- (1) Water wells: None
- (2) Abandoned wells: Six
- (3) Temporarily abandoned wells: None
- (4) Disposal wells: None
- (5) Drilling wells: None
- (6) Producing wells: Fifteen
- (7) Shut-in wells: Some of the producing wells are shut in due to seasonal demand fluctuations.
- (8) Injection wells: None
- (9) Monitoring or observation wells for other resources: None

4. Location of Existing and/or Proposed Facilities

A. Within 1-mile radius of location show the following existing facilities owned or controlled by lessee/operator:

- 1. Tank batteries: None
- 2. Production facilities: Separators, meter runs, dehydrators, condensate tanks, and several compressors at gas wells shown on Map No. 2.
- (3) Oil gathering lines: None
- (4) Gas gathering lines: See Map No. 2. Lines are surface lines except at road crossings.
- (5) Injection lines: None
- (6) Disposal lines: None

(Indicate if any of the above lines are buried.)

B. If new facilities are contemplated, in the event of production, show:

- (1) Proposed location and attendant lines by flagging if off of well pad: All proposed facilities will be on the pad - see Plat No. 4. The pipeline will follow the new and existing access roads, and will be on the surface (see Map No. 1).
- (2) Dimensions of facilities: See Plat No. 4. Separator 5' x 10', meter run 5' x 8', on drillsite pad and painted green to blend with the environment. A CaCl₂ dehydrator will be set if necessary.
- (3) Construction methods and materials: No materials necessary. All lines will be coated, wrapped, and buried on the location.
- (4) Protective measures and devices to protect livestock and wildlife: A 10' x 10' water pit within 50' of the separator will be fenced. A metal guard or fiberglass shelter will be around the wellhead.

4. Location of Existing and/or Proposed Facilities (Continued)

- C. Plan for rehabilitation of disturbed areas no longer needed for operations after construction is completed: Upon completion of the drilling of this well, all pits will be backfilled and top soil replaced and re-contoured back to original terrain. Upon abandonment, all disturbed areas, including the location and access road, will be re-contoured, ripped or scarified as needed, and re-vegetated using a seed formula as specified by the BLM. Seeding will be done in the fall.
- _____
- _____
- _____

5. Location and Type of Water Supply

- ✓ A. Show location and type of water supply either on map or by written description: The water source for this well will be West Salt Creek, two miles west of Mack, Colorado.
- _____
- _____
- _____
- B. State method of transporting water and show any roads or pipelines needed: Water will be transported by truck over the existing roadways and proposed access.
- _____
- C. If water well is to be drilled on lease, so state. (No APD for water well is necessary, however, unless it will penetrate potential hydrocarbon horizons): No water well is to be drilled.
- _____
- _____

6. Source of Construction Materials

- A. Show information either on map or by written description: No construction materials will be used other than native materials.
- _____
- _____
- B. Identify if from Federal or Indian land: Not applicable.
- C. Describe where materials, such as sand, gravel, stone, and soil material are to be obtained and used: Soil from cuts will be used for fills. No outside material will be brought in.
- _____
- _____
- D. Show any needed access roads crossing Federal or Indian lands under Item 2:
- _____
- _____

7. Methods for Handling Waste Disposal

Describe methods and location of proposed containment and disposal of waste material, including:

- (1) Cuttings: Cuttings will be buried in the reserve pit.
- _____
- _____
- (2) Drilling fluids: Drilling fluids will be handled in the reserve pit and left to evaporate.
- _____
- _____
- (3) Produced fluids (oil, water): Any fluids produced during drilling test or while making production test will be collected in a test tank. If a test tank is not available during drilling, fluids will be handled in reserve pit. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and removed. If well is productive, produced water will be disposed of onsite for 30 days only, or 90 days with permission of District Manager. After that time, application will be made for approval of permanent disposal method in compliance with NTL-2b, and the rules and regulations of the State of Utah.
- _____
- _____

7. Methods for Handling Waste Disposal (Continued)

- (4) Sewage: Human waste will be disposed of in chemically treated sanitary pits.
- (5) Garbage and other waste material (trash pits should be fenced with small mesh wire to prevent wind scattering trash before being burned or buried): Garbage, waste, salts and other chemicals produced during drilling or testing will be handled in a trash cage. The trash cage will be totally enclosed with small mesh wire to prevent wind scattering trash before being removed. Reserve pit will be fenced on 3 sides during drilling and closed off on the 4th side at the time of rig release.
- (6) Statement regarding proper cleanup of wellsite area when rig moves out: Drilling fluid in pit, which will be very minimal due to air drilling, will be left to dry, if necessary. After pit area is sufficiently dry, cuttings will be pushed into pit and sub-soil placed on top of any remaining fluid and cuttings; then top soil will be used to cover both pit and location area.

8. Ancillary Facilities

Identify all proposed camps and airstrips on a map as to their location, area required and construction methods. (Camp center and airstrip center lines to be staked on the ground): No air strip, camp or other facilities will be built during drilling of this well.

9. Wellsite Layout

A plat (not less than 1" = 50') showing:

- (1) Cross sections of drill pad with cuts and fills: See Plat No. 2-A
- (2) Location of mud tanks, reserve, burn and trash pits, pipe racks, living facilities, and soil material stockpiles: See Plats Nos. 2 & 3
The reserve pit is proposed to be constructed a little larger than normal since this well will be directionally drilled. All trees will be stockpiled and used for mulch at clean-up time.
- (3) Rig orientation, parking areas and access roads: See Plat No. 3
- (4) Statement as to whether pits are to be lined or unlined. (Approval as used in this section means field approval of location. All necessary staking of facilities may be done at the time of field inspection. A registered surveyor is not mandatory for such operations): Pits will be unlined.

10. Plans for Restoration of Surface

State restoration program upon completion of operations, including:

- (1) Backfilling, leveling, contouring and waste disposal; segregation of spoils materials as needed: If well is abandoned, site will be restored to original condition as nearly as possible. Backfilling, levelling, and contouring are planned as soon as all pits have dried. Waste disposal and spoils materials will be buried or hauled away immediately to an approved sanitary land fill after drilling is completed. If production is obtained, the unused area will be restored as soon as possible.
- (2) Revegetation and rehabilitation, including access roads (normally per BLM recommendations): The soil banked material will be spread over the area. Re-vegetation will be accomplished by planting mixed grasses as per BLM specifications.
- (3) Prior to rig release, pits will be fenced and so maintained until clean-up: Three sides of the reserve pit will be fenced during drilling and closed off on the 4th side following rig release to prevent livestock or wildlife from entering; and the fencing will be maintained until leveling and cleanup are accomplished.

10. Plans for Restoration of Surface (Continued)

- (4) If oil on pit, remove oil or install overhead flagging: If any oil is on the pits and is not immediately removed or burned after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- (5) Timetable for commencement and completion of rehabilitation operations: The rehabilitation operations will begin immediately after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Planting and re-vegetation is considered best in the fall, between Sept. 15 and Nov. 15.

11. Other Information

General description of:

- (1) Topography, soil characteristics, geologic features, flora and fauna: This proposed well site sits atop a relatively flat, rocky ridgetop. The soils are very shallow. There are a few scattered Pinon and Juniper trees on the location.
- (2) Other surface use activities and surface ownership of all involved lands: There are many other gas wells in the area, but few other activities. All lands involved with new construction are Federal lands.
- (3) Proximity of water, occupied dwellings, archeological, historical or cultural sites: The nearest water is in Hay Canyon at the ranch about 3 air miles south of the location.

A cultural resource survey of the road and well pad have been completed and the report is on file with the BLM in Moab, Utah.

12. Lessee's or Operator's Representative

Include the name, address and phone number of the lessee's or operator's field representative who is responsible for assuring compliance with the approved surface use and operations plan:

James G. Routson
Beartooth Oil & Gas Company
P. O. Box 2564
Billings, MT 59103
Office Ph: 406-259-2451
Home Ph: 406-245-8797

Ken Currey
Box 1491
Fruita, CO 81521
Mobile Phone: 303-245-3660 Unit 5858
Home Ph: 303-858-3257

13: Certification

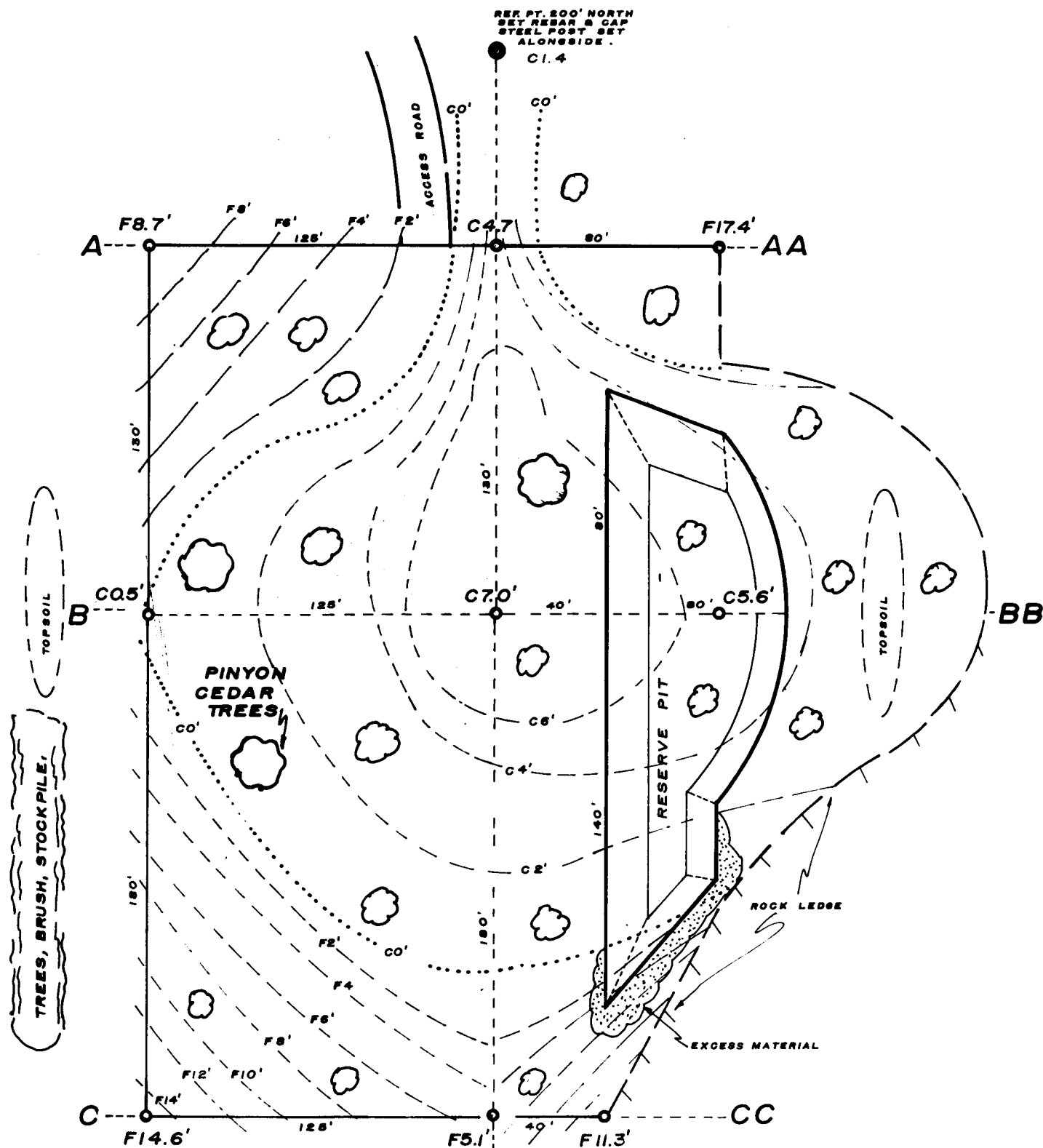
The following statement is to be incorporated in the plan and must be signed by the lessee's or operator's field representative who is identified in Item No. 12 of the plan:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Beartooth Oil & Gas Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

August 4, 1983
Date

Kenneth A. Currey

PLAT NO. 2 PIT & PAD LAYOUT



ESTIMATED CUBIC YARD QUANTITIES

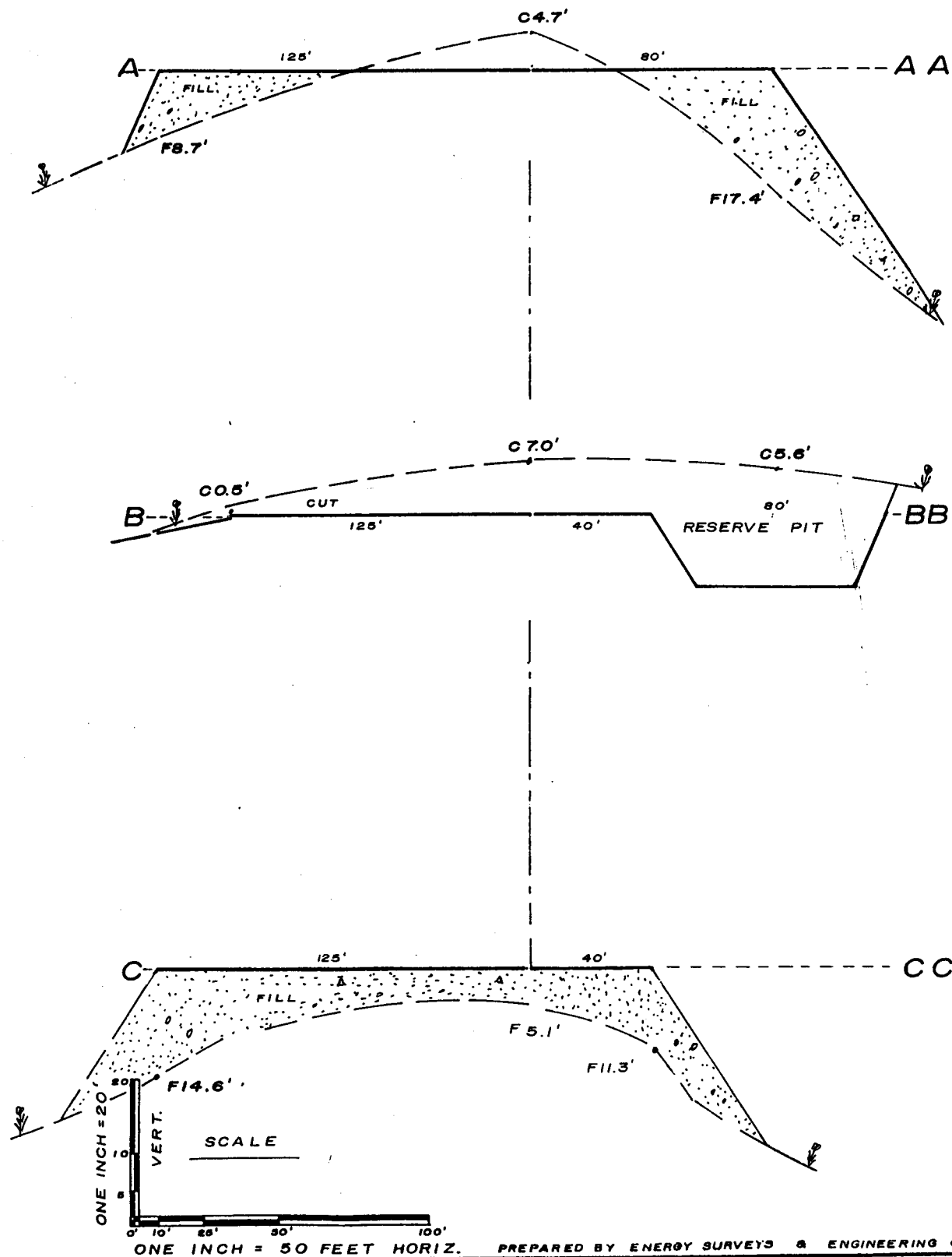
	CUT	FILL	TOPSOIL	EXCESS
PAD	4500	4400	1170	
PIT	1300	0	230	
TOTAL	5800	4400	1200	200

REF. PT. 200' SOUTH
SET REBAR & CAP
STEEL POST SET
ALONGSIDE.
F6.0'

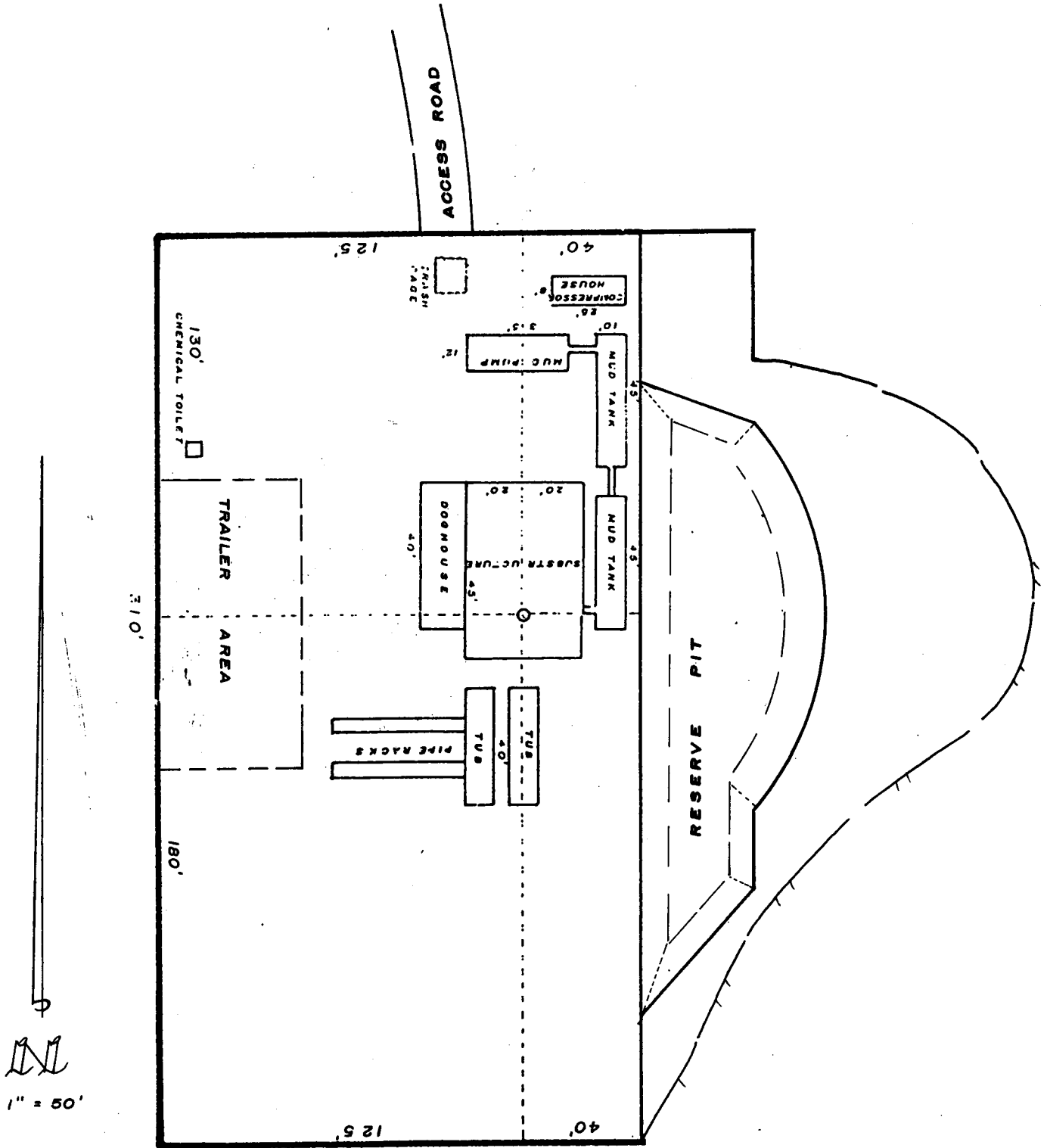
BEARTOOTH OIL & GAS CO.
BRYSON RIDGE UNIT # 17

CROSS-SECTIONS
OF PIT & PAD

BRYSON CANYON UNIT NO. 17
BEARTOOTH OIL & GAS CO.



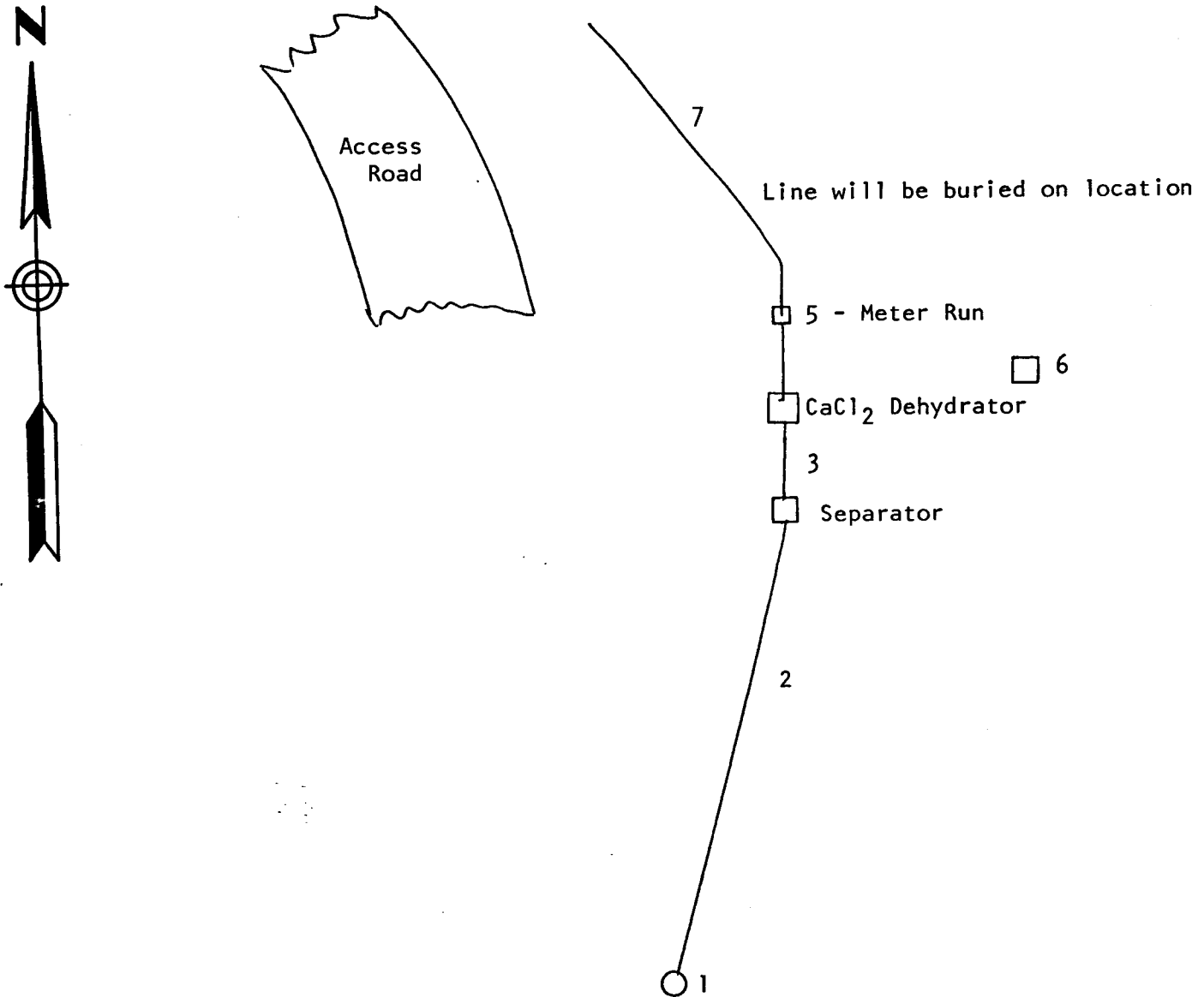
PLAT NO. 3
RIG LAYOUT



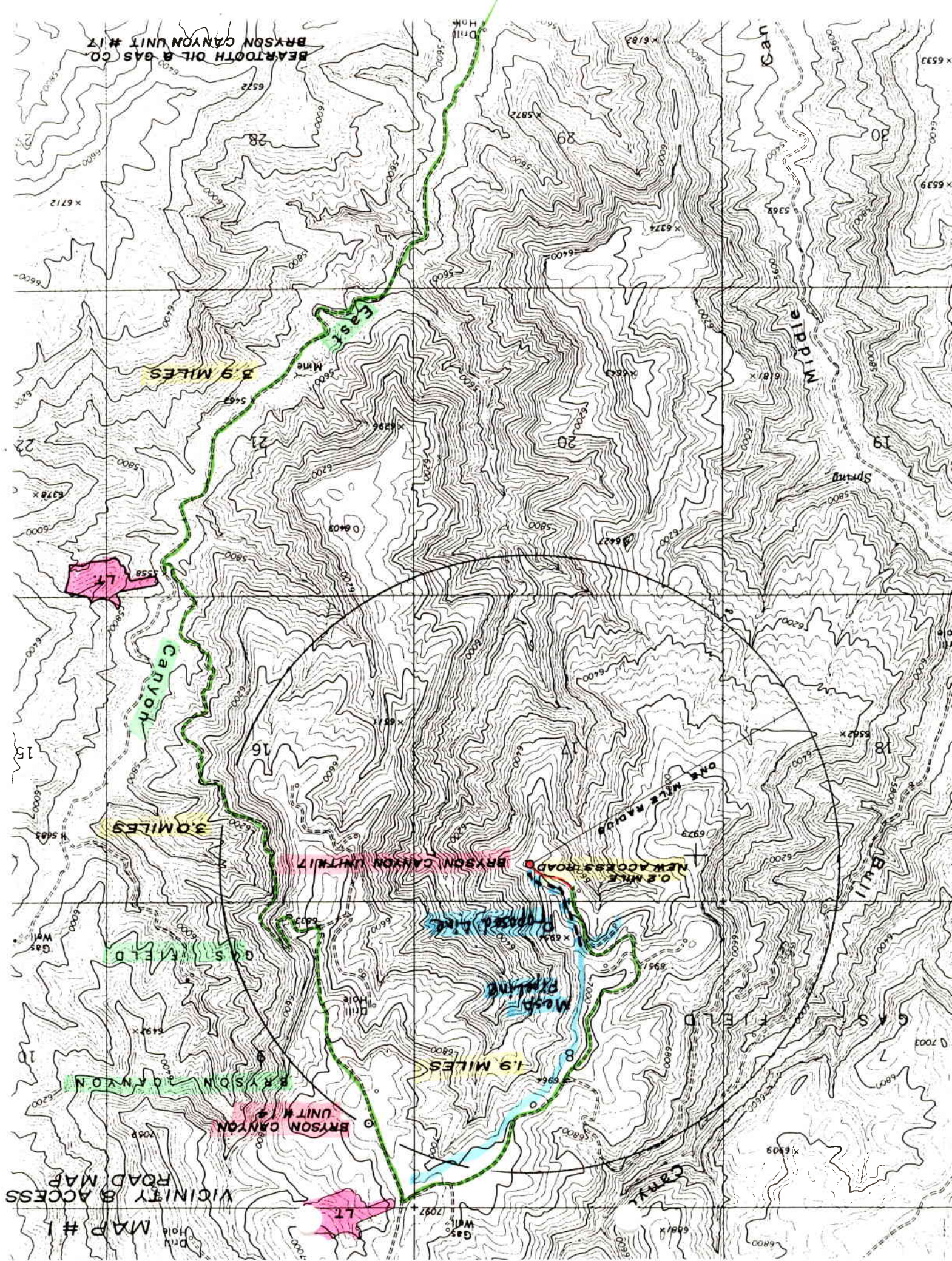
BEARTOOTH OIL & GAS CO.
BRYSON CANYON UNIT #17

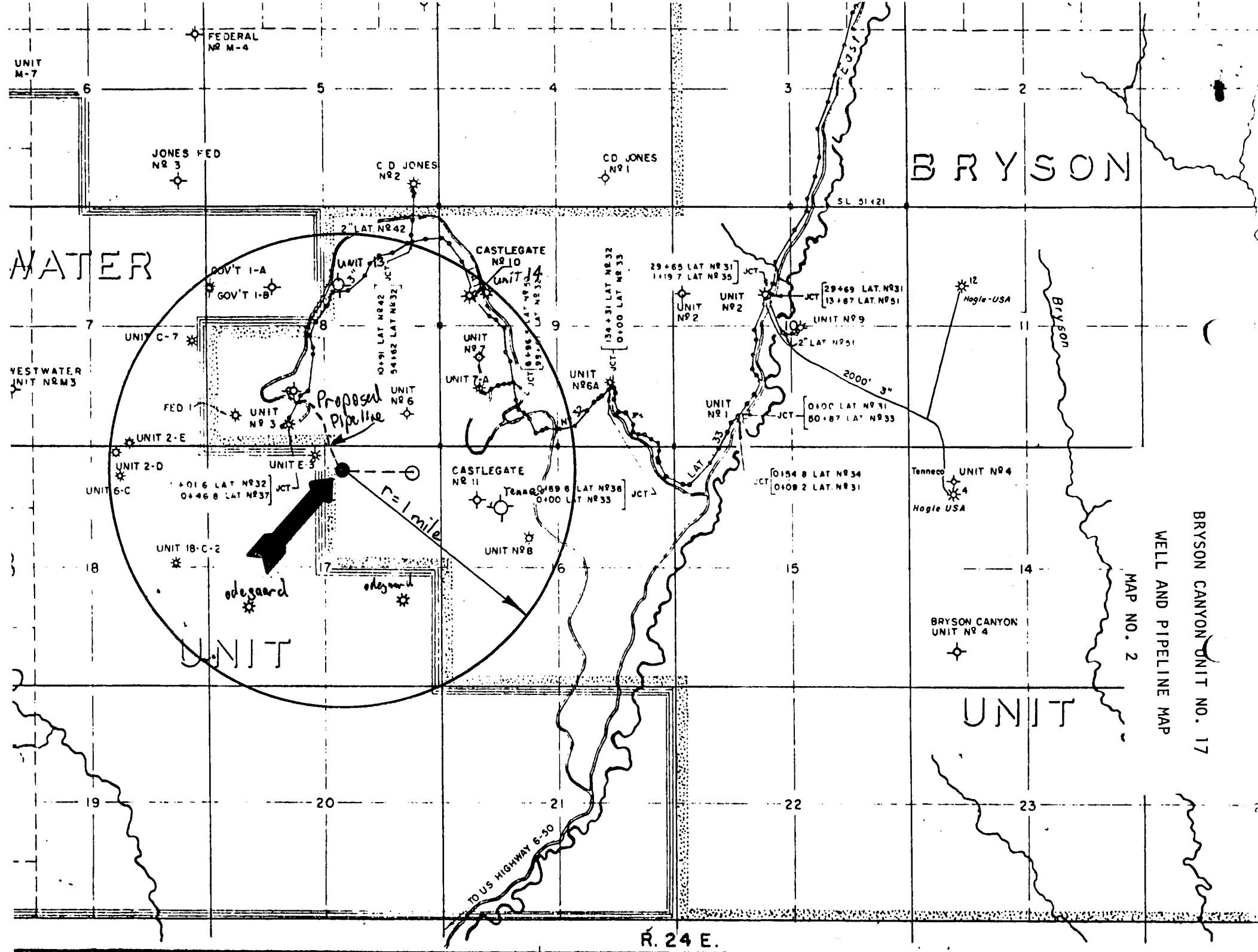
FACILITIES PLAT NO. 4

BRYSON CANYON UNIT NO. 17

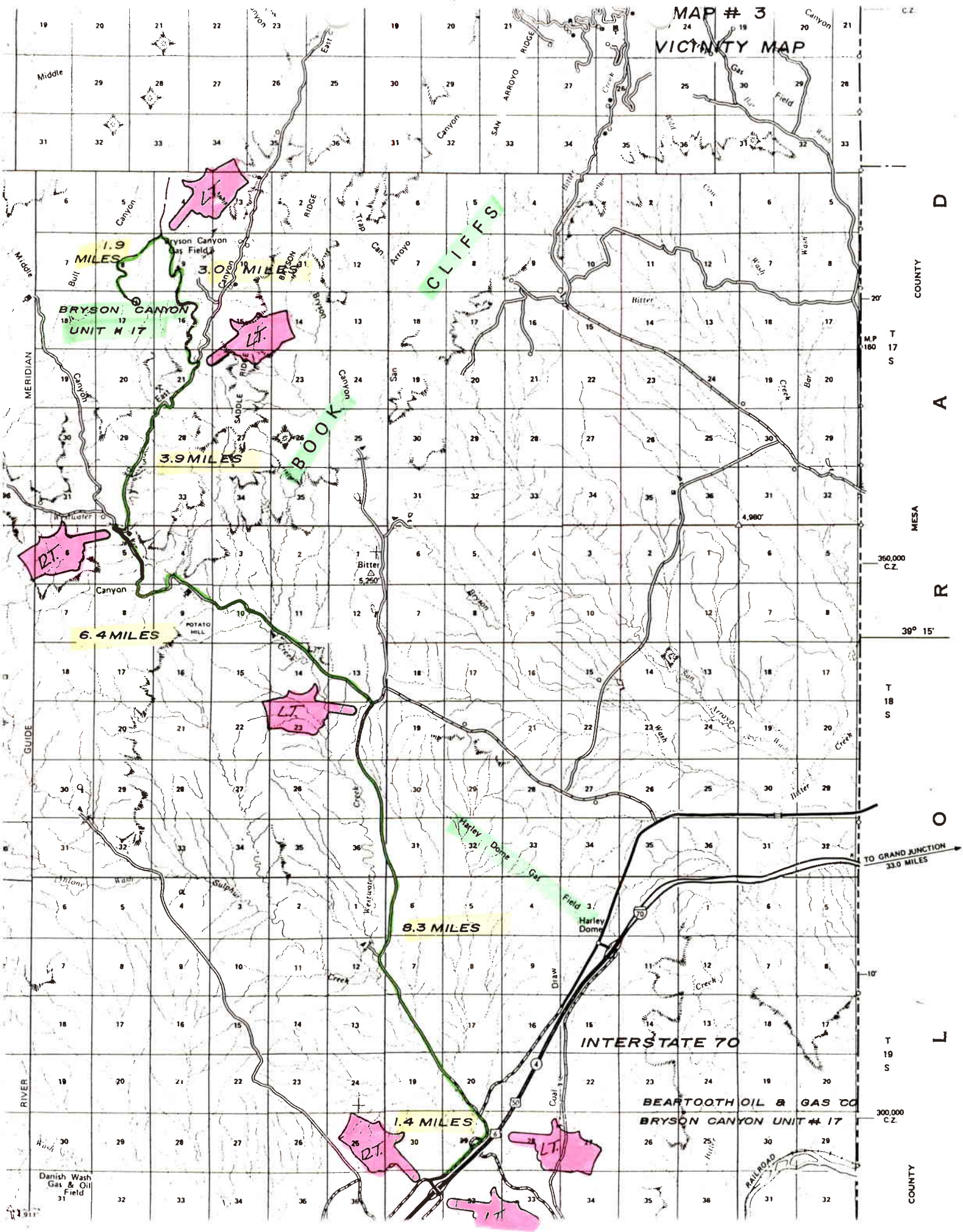


1. Wellhead will be a 6" - 900 series flanged top. Tubing head will be 10" - 900 x 6" - 3000 psi with two 2" 3000 psi flanged valves. Tree will be 2" screwed x 3000 psi W.P.
2. Line between wellhead and separator will be approximately 100 feet in length and constructed of 2-3/8", .218 wall seamless, welded, wrapped and buried approximately 5 feet deep.
3. Line between separator and dehydrator will be approximately 20 feet in length and constructed of 2-3/8" .218 wall seamless, welded, wrapped and buried approximately 5 feet deep.
4. Line between dehydrator and meter will be 3" .218 wall welded, coated, wrapped and buried, and will be approximately 25 feet in length.
5. Meter run will be American 2" run, 1000 psi static rating, 100" of water differential rating.
6. Pit will be 8' x 8', enclosed by dikes and fenced.
7. Line from meter run to Mesa pipeline will follow the access road and will be a welded surface line. Length will be approximately 1900'. Material will be 3" A-53 Grade B, .218" wall. Any necessary road crossings will be coated, wrapped, and buried to a depth of 5 feet.





MAP # 3
VICINITY MAP



WELL CONTROL PLAN

1. Surface Casing: 9-5/8" O.D., 32.3 #/ft., Grade H-40, Short T&C, set at 200' or deeper, cemented with pump and plug method back to the surface or bottom of cellar.
2. Casinghead Flange: 9-5/8" x 10" - 900 series casinghead with two 2" 2000 psi L.P. outlets.
3. Intermediate Casing: 7", 20#, K-55, set at 2200' and cemented with 150 sacks. The intermediate spool will be 10" - 900 x 10" - 900 series with two 2" 2000 psi L.P. outlets.
4. Blowout Preventor: A 10" 3000 psig W.P. double gate hydraulic shaffer BOP (or equivalent) with drill pipe rams and blind rams. All fill, kill and choke lines will be minimum of 2" 2000 psi W.P. A Grant rotating head will be used while air and mist drilling. A new rubber will be installed prior to drilling through the Dakota. BOP's will be worked daily. Blind rams will be checked during trips. BOP's will be tested to 1000 psi prior to drilling shoe joint on surface casing and intermediate casing.
5. Auxiliary Equipment: (a) Drill pipe floats will be allowed at contractor's discretion. (b) Visual monitoring of air returns will be maintained. (c) Upper kelly cock will be used. (d) Stabbing valve will be kept on floor.
6. Anticipated bottom hole pressure is less than 1000 psi at 6093' or a gradient of .164 psi/ft or less. No abnormal temperatures or hydrogen sulfide gas is sufficient.

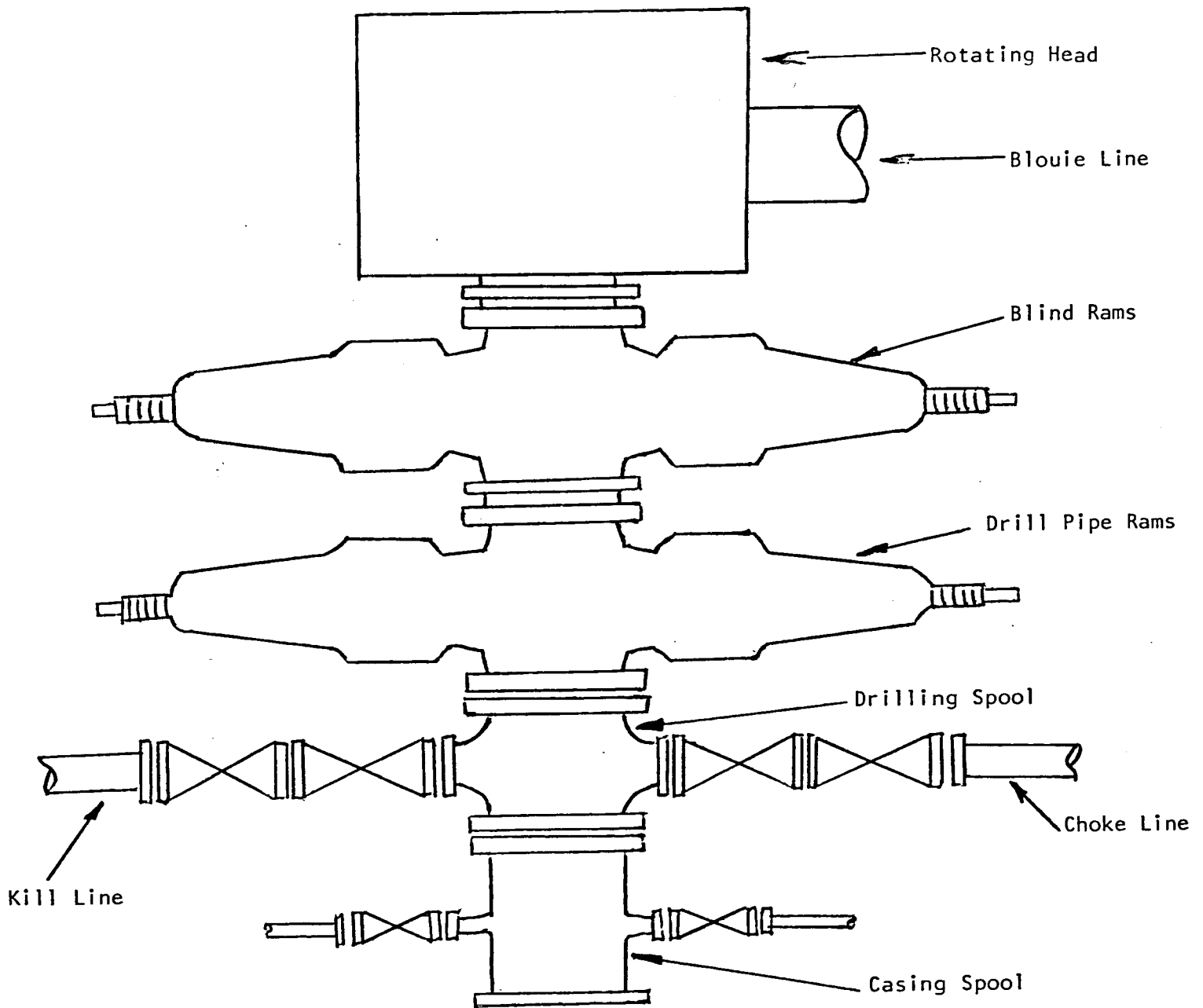
BEARTOOTH OIL & GAS COMPANY

By: James G. Routson
James G. Routson, Petroleum Engineer

SCHEMATIC OF BOP STACK

Air drilled wells using 900 series wellhead equipment.

Interval from 200 to total depth.



OPERATOR Beantooth Oil & Gas DATE 8-10-83

WELL NAME Bryson Canyon Jct #17

SURFACE
SEC NW NE 17 T 17S R 24E COUNTY Grand

BH# NE NE 17

43-019-31092

API NUMBER

Prod.

TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☐

MAP

☐

HL

☐

NID

☐☐

PI

PROCESSING COMMENTS:

Operator - Grand Oil. Mr. Routson w/ send designation of operator
for Beantooth from Grand Oil.

✓ CHIEF PETROLEUM ENGINEER REVIEW:

8/10/83 Unit Expansion area

APPROVAL LETTER:

SPACING:

☒

A-3

Bryson Canyon
UNIT

☐

c-3-a

CAUSE NO. & DATE

☐

c-3-b

☐

c-3-c

SPECIAL LANGUAGE:

Water

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON FLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☐ APPLY SPACING CONSIDERATION

☐ ORDER _____

☒ UNIT Bryson Canyon

☐ c-3-b

☐ c-3-c

☒ CHECK DISTANCE TO NEAREST WELL.

☒ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

August 10, 1983

Beartooth Oil & Gas Company
P. O. Box 2564
Billings, Montana 59103

RE: Well No. Bryson Canyon Fed. #17
NWNE Sec. 17, T.17S, R.24E
(Surface) 566' FNL, 2071' FEL
(BHL) 660' FNL 660' FEL (NENE)
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

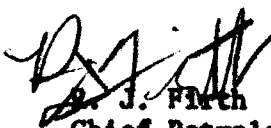
RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-31092.

Sincerely,



Chief Petroleum Engineer

RJF/as
cc: Branch of Fluid Minerals
Encl.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: BARETOOTH OIL & GAS

WELL NAME: Bryson Canyon Unit Fed. #17

(BHL)
SECTION NENE 17 TOWNSHIP 17S RANGE 24E COUNTY Grand

DRILLING CONTRACTOR Vecor

RIG # 2

SPUDDED: DATE 10-11-83

TIME 3:00 PM

How Rotary

DRILLING WILL COMMENCE

REPORTED BY Grace Brown

TELEPHONE # 406-259-2451

DATE 10-13-83 SIGNED AS

NOTICE OF SPUD

no wt needed
RECEIVED
OCT 11 1983

Company: Beartooth Oil and Gas Co.

Caller: Grace Brown

Phone: 4-7 250 2451

**DIVISION OF
OIL, GAS & MINING**

Well Number: 17

Location: NWNE 17-17S-24E

County: Grand State: Utah

Lease Number: U-026

Lease Expiration Date: -

Unit Name (If Applicable): Bryson Canyon

Date & Time Spudded: October 11, 1983 3 p.m.

Dry Hole Spudder/Rotary: Rotary

Details of Spud (Hole, Casing, Cement, etc.) 12 1/2" Hole, 8 5/8" casing

211' KB, 150 sxs cement

Rotary Rig Name & Number: Vero Drilling Company #2

Approximate Date Rotary Moves In: October 10, 1983

FOLLOW WITH SUNDRY NOTICE

Call Received By: Al Johansson

Date: October 13, 1983

cc: ✓ BLM, Moab
State O&G
MER
File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

DIVISION OF ☐ oil ☐ gas
WELL well ☒ other

2. NAME OF OPERATOR

Beartooth Oil & Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 566' FNL, 2071' FEL

AT TOP PROD. INTERVAL: 660' FNL, 660' FEL

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

☐

FRACTURE TREAT ☐

☐

SHOOT OR ACIDIZE ☐

☐

REPAIR WELL ☐

☐

PULL OR ALTER CASING ☐

☐

MULTIPLE COMPLETE ☐

☐

CHANGE ZONES ☐

☐

ABANDON* ☐

☐

(other) Status Report

EASE

026

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Bryson Canyon

8. FARM OR LEASE NAME

Federal

9. WELL NO.

Unit No. 17

10. FIELD OR WILDCAT NAME

Bryson Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA surface location

NW 1/4 Sec. 17-T17S-R24E

12. COUNTY OR PARISH 13. STATE

Grand

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

6812' GL, 6823' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well spudded at 3:00 PM 10/11/83 with Veco Drilling Company Rig No. 2. Drilled 12-1/4" hole to 227'. Ran 5 joints of 8-5/8", 24#, casing to 211' KB. Cemented with 150 sacks Class "G", 2% CaCl₂. Plug down at 10:00 AM 10/12/83.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Grace E. Brown TITLE Drilling Dept. DATE October 13, 1983
Grace E. Brown

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LEASE
U-026

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Bryson Canyon

8. FARM OR LEASE NAME
Federal No. 17

9. WELL NO.
Bryson Canyon

10. FIELD OR WILDCAT NAME
NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-17S-24E

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Grand County, Utah

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.
43-019-31092

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6812' GL, 6823' KB

DRILLING NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

**DIVISION OF
OIL, GAS & MINING**

gas well ☒ other ☐

2. NAME OF OPERATOR
Beartooth Oil & Gas Company

3. ADDRESS OF OPERATOR
P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 566' FNL, 2071' FEL
AT TOP PROD. INTERVAL: (BHL) 660' FNL, 660' FEL
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

☐
☐
☐
☐
☐
☐
☐
☐

(other)

Status Report CORRECTED REPORT

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well spudded at 3:00 PM 10/11/83 with Veco Drilling Company Rig No. 2. Drilled 12-1/4" hole to 227'. Ran 5 joints of 9-5/8", 36#, casing to 227'. Cemented with 150 sacks Class "G", 2% CaCl₂. Plug down at 10:00 AM 10/12/83.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Grace E. Brown TITLE Drilling Dept. DATE October 14, 1983
Grace E. Brown

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

037 31 1983

GENERAL NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

DIVISION OF
OIL, GAS & MINING

gas well ☒ other ☐

DIVISION
OIL, GAS & MINING

2. NAME OF OPERATOR
Beartooth Oil & Gas Company

3. ADDRESS OF OPERATOR
P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 566' FNL, 2071' FEL

AT TOP PROD. INTERVAL: 375' FNL, 1445' FEL

AT TOTAL DEPTH: 375' FNL, 1445' FEL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

☐
☐
☐
☐
☐
☐
☐
☐

(other) Status Report

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Bryson Canyon

8. FARM OR LEASE NAME
Federal

9. WELL NO.
Bryson Canyon Unit No. 17

10. FIELD OR WILDCAT NAME
Bryson Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NW 1/4 NE 1/4 Sec. 17-T17S-R24E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.
43-019-31092

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6812' GL, 6823' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Ran 52 joints of 7", 23#, casing to 2100' KB. Cemented with 200 sacks 50-50 pozmix, 6% gel, tailed in with 75 sacks Class "G", 2% CaCl₂. Plug down at 10:30 AM 10/17/83.

Total Depth 6096'.

Ran 154 joints 4 1/2", 11.6#, N-80 casing to 6088' KB. Cemented with 175 sacks RFC, 1000 gal. CW-100 mud flush ahead. Plug down at 9:15 PM 10/27/83.

Waiting on completion tools.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Grace E. Brown TITLE Drilling Dept. DATE October 28, 1983
Grace E. Brown

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.6

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>										
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>								
2. NAME OF OPERATOR Beartooth Oil & Gas Company															
3. ADDRESS OF OPERATOR P. O. Box 2564, Billings, Montana 59103															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 566' FNL, 2071' FEL NW NE At top prod. interval reported below 375' FNL, 1445' FEL At total depth 375' FNL, 1445' FEL															
14. PERMIT NO. 43 019 31092				DATE ISSUED 8/10/83		12. COUNTY OR PARISH Grand		13. STATE Utah							
15. DATE SPUDDED 10/11/83		16. DATE T.D. REACHED 10/26/83		17. DATE COMPL. (Ready to prod.) 11/18/83		18. ELEVATIONS (DF, RKB, BT, GR, ETC.)* 6812' GL, 6823' KB		19. ELEV. CASINGHEAD -							
20. TOTAL DEPTH, MD & TVD 6096'		21. PLUG, BACK T.D., MD & TVD 6057'		22. IF MULTIPLE COMPL., HOW MANY* commingled		23. INTERVALS DRILLED BY ROTARY TOOLS 0-TD		CABLE TOOLS							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5994-5998 - Salt Wash 5582-5642 - Dakota								25. WAS DIRECTIONAL SURVEY MADE yes							
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, FDC/CNL, Cyberlook								27. WAS WELL CORED no							
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
9-5/8"		36#		227'		12-1/4"		150 sacks							
7"		23#		2100'		8-3/4"		200 sacks							
4-1/2"		11.6#, N-80		6088'		6-1/4"		175 sacks							
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
										2-3/8"		5984'		-	
31. PERFORATION RECORD (Interval, size and number) 5994-98 - .31" dia., 5 shots total 5582-5642 - .31" dia., 61 shots total										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										5994-98'		250 gal. 15% MSR			
										5582-5642'		750 gal. 15% MSR			
33.* PRODUCTION															
DATE FIRST PRODUCTION 11/18/83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing						WELL STATUS (Producing or shut-in) shut-in							
DATE OF TEST 11/18/83		HOURS TESTED 12 hours		CHOKE SIZE 1"		PROD'N. FOR TEST PERIOD →		OIL—BBL. 1038		GAS—MCF. 2076		WATER—BBL.		GAS-OIL RATIO	
FLOW. TUBING PRESS. 80 psi		CASING PRESSURE 300 psi		CALCULATED 24-HOUR RATE →		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold										TEST WITNESSED BY Ralph Snow					
35. LIST OF ATTACHMENTS															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED James G. Routson		TITLE Petroleum Engineer						DATE 11/18/83							

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers', geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

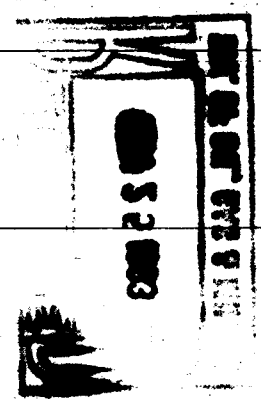
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH
				1785'	
				2478	
				3345'	
				5120'	
				5402'	
				5496'	
				5642'	
				5962'	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Castlegate		
Mancos "B"		
Base Mancos "B"		
Frontier		
Dakota Silt		
Dakota		
Morrison		
Salt Wash		

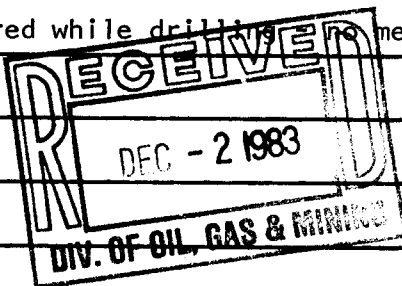
STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Bryson Canyon Unit No. 17
Operator: Beartooth Oil & Gas Company Address: P.O. Box 2564, Billings, MT 59103
Contractor: Veco Drilling Company Address: P.O. Box 1705, Grand Junction, CO
Location NW 1/4 NE 1/4; Sec. 17 T. 17 xx R. 24 E; Grand County.
S xxx

Water Sands:

	<u>Depth:</u>	<u>Volume:</u>	<u>Quality:</u>
	From- To-	Flow Rate or Head	Fresh or Salty
1.	Occasional dampness occurred while drilling no measurable water		
2.			
3.			
4.			
5.			



(Continue on Reverse Side if Necessary)

Formation Tops:

Castlegate	1785'	Dakota Silt	5402'
Mancos "B"	2478'	Dakota Sand	5496'
Base "B"	3345'	Morrison	5642'
Frontier	5120'	Salt Wash	5962'

Remarks:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

J. C. THOMPSON
INDEPENDENT OIL OPERATOR
410 - 17TH STREET, SUITE 1305
DENVER, COLORADO 80202

February 16, 1984

BUREAU OF LAND MANAGEMENT
Chief, Branch of Fluid Minerals
U-922 University Club Bldg., 11th Floor
136 East South Temple
Salt Lake City, UT 84111

RECEIVED
FEB 21 1984

**DIVISION OF
OIL, GAS & MINING**

ATTN: Mr. Edgar Guynn

RE: Bryson Canyon Unit #17 Well
Grand County, Utah

Gentlemen:

The purpose of this letter is to advise you of a spacing situation regarding the captioned gas well. I believe this well is not bottomed properly according to its drilling permit, and it does not conform to the representation made by Trend Oil, the unit operator, when the unit was enlarged so the subject well could be drilled. My interest in this matter is that I am the operator of the Westwater Unit #E3 gas well, which I believe has been crowded improperly by the subject well, which appears to be a good producer from the same zone as my well. I desire some relief such as restriction of production from the subject well. I have discussed this matter with Beartooth Oil & Gas Company, the operator of the well, and they "do not see any real problem". (Copies of correspondence are enclosed.) A brief history of events follows:

1. In 1959, the Westwater Unit #E3 well was drilled and completed according to the rules in effect at that time at a surface location shown on the accompanying plat. A directional log was run which shows the bottom of the hole is 28.79' south and 52.95' west of the surface location. (Copy of the log enclosed.) This well was located near the unit boundary to accomodate severe topographic considerations.
2. On May 2, 1962, the Bryson Canyon Unit was approved with an effective date of December 27, 1960. The unit area originally included all of NE/4 Section 17.
3. In 1966, the Bryson Canyon Unit was contracted to exclude the SW/4 NE/4 Section 17, effective April 3, 1966.

4. On November 19, 1981, the Board of Oil, Gas and Mining issued an Order on Cause No. 47-5 which relates to parts of Section 17. The order establishes a 320-acre spacing unit consisting of S/2. The applicant, Odegard Resources, Inc. (the predecessor in this matter to Beartooth), made a motion to delete SW/4 NE/4 Section 17 from the hearing.
5. In 1982, a representative of Odegard contacted me requesting that I consent to enlarging the unit to include all of NE/4 because otherwise a drilling permit would not be issued. I consented with the understanding that the well be located in NE/4 NE/4. This resulted in a letter dated May 13, 1982 from Trend Oil Company to various parties, including myself, advising of the proposed expansion, which letter states in part as follows:
"The obligation well will be located as follows: In the NE/4 NE/4, Section 17, Township 17 South, Range 24 East, Grand County, Utah." (Copies of that letter and my consent are enclosed.) It was my impression that the well would be located as near as possible to the center of NE/4 NE/4 and in no case would be crowded toward my well.
6. In 1982, Beartooth Oil & Gas Company took over where Odegard left off and received a permit to drill the subject well at a surface location 566' FNL and 2071' FEL with the hole to be deviated to a subsurface location 375' FNL and 1445' FEL. As can be seen, the proposed subsurface location is in NW/4 NE/4 and does not conform with representations when the unit was enlarged. I was not advised of this change.

Please understand that this is not an effort to involve the BLM in a dispute among private parties. It is an attempt to obtain administrative relief from a well which was not drilled as promised when the unit was enlarged in 1982. Further, I would like a review made of the spacing requirements under which the permit for subject well was issued, and administrative relief is requested to the extent possible. I am ready to meet you and the responsible parties whenever you desire.

Very truly yours,

J. C. Thompson

Enclosures

cc: Division of Oil, Gas & Mining
Beartooth Oil & Gas Company
Robert C. Dickinson (Odegard Resources, Inc.)
Trend Oil Company

JCT:ssb

RECEIVED
FEB 28 1984

U-922
(3706)

**DIVISION OF
OIL, GAS & MINING**

FEB 27 1984

Mr. J.C. Thompson
410 - 17th Street, Suite 1305
Denver, Colorado 80202

Re: Well No. 17, Sec. 17, T.17S., R.24E.
Well No. E-3, Sec. 17, T.17S., R.24E.
Grand County, Utah
Bryson Canyon Unit

Dear Mr. Thompson,

Your letter of February 16, 1984 indicates that you are being "crowded improperly" or drained by Well No. 17 in the Bryson Canyon Unit as referenced. Well No. 17 is about 1200' from the Unit line while Well No. E-3 is 200' from the Unit line. Well No. E-3 had an initial potential of 13000 MCFGPD and has had the potential to produce since 1959. Well No. 17 was completed in November, 1983 with an initial potential of 2076 MCFGPD.

It would be inconsistent to imply that Well No. 17 is draining gas 1200' away from your lease line and not consider that your Well No. E-3 has been draining gas from the Unit reservoir for the period of completion to the present or until the completion of Well No. 17.

Well No. 17 is more than 200' from the lease Unit line as provided in the regulation (43 CFR 3160). One of the responsibilities of the Unit Operator is to protect the Unit from drainage as required by the Unit Agreement. The present bottom hole location of Well No. 17 is in compliance with the regulations and fulfills the obligation of the Unit Operator under the Unit Agreement.

If you have any question about this matter please call this office at your convenience.

Sincerely,

(Orig. Sgd.) E. W. GUYNN

E.W. Guynn
Chief, Branch of Fluid Minerals

cc: ✓ Division of Oil, Gas & Mining
Beartooth Oil and Gas Co.
Robert C. Dickinson (Odegard Resources)
Trend Oil Co.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA, Agreement Designation Bryson Canyon
2. Name of Operator Beartooth Oil & Gas Company (Prior Operator)	8. Well Name and No. Unit No. 17
3. Address and Telephone No. P. O. Box 2564, Billings, Montana 59103	9. API Well No. 43-019-31092
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 566' FNL, 2071' FEL NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-T17S-R24E	10. Field and Pool, or Exploratory Area Bryson Canyon
	11. County or Parish, State Grand County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other <u>CHANGE OF OPERATOR</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective July 1, 2000, the Operator has been changed from Beartooth Oil & Gas Company to Trend Oil Company at the following address:

Trend Oil Company, Operator
1300 N. McDowell Boulevard, Suite G
Petaluma, CA 94954

RECEIVED

AUG 28 2000

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

Signed  Title Donald K. Roberts, President Date August 24, 2000

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

OIL WELL ☐ GAS WELL ☒ OTHER

NAME OF OPERATOR

Trend Oil Company, Operator

ADDRESS OF OPERATOR

1390 N. McDowell Blvd, Ste G, PMB 266, Petaluma, CA 94954

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)

At surface

566' FNL, 2071' FEL
NW 1/4 NE 1/4 Sec. 17-T17S-R24E

6. LEASE DESIGNATION AND SERIAL NO.
U-026
INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Bryson Canyon

8. FARM OR LEASE NAME
Unit No. 17

9. WELL NO.
Unit No. 17

10. FIELD AND POOL, OR WILDCAT
Bryson Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

12. COUNTY OR PARISH
Grand Cty

13. STATE
Utah

1. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Change of Operator

PCLL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Change of Operator
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

CHANGE OF OPERATOR

Trend Oil Co., Op is taking over operations of the above captioned well.

Trend Oil Co., Op is responsible under the terms and conditions of the lease for operations conducted on the leased lands or portions thereof.

Bond coverage for this well will be provided by BLM Bond No. UT0675.

Effective date: 7-01-00

18. I hereby certify that the foregoing is true and correct

SIGNED

D. L. Carr

TITLE

Agent

DATE 10-05-00

(This space for Federal or State office use)

APPROVED BY

William A.

TITLE

Assistant Field Manager,
Division of Resources

DATE 10/17/2000

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CC: LIDOGM 10/17/00

Trend Oil Company
Well Nos. 17 and 18
Sections 17 and 18, T. 17 S., R. 24 E.
Lease UTU026
Grand County, Utah

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Trend Oil Company is considered to be the operator of the above wells and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for these wells is provided by UT0675 (Principal -Trend Oil Company) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liableuntil the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS
2. CDW		5- CDW
3. JLT		6-FILE

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: **7-1-2000**

FROM: (Old Operator):
BEARTOOTH OIL & GAS COMPANY
Address: P. O. BOX 2564
BILLINGS, MT 59103
Phone: 1-(406)-259-2451
Account No. N1790

CA No.

TO: (New Operator):
TREND OIL COMPANY
Address: 1300 N. McDOWELL BOULEVARD STE G
PETALUMA, CA 94954
Phone: 1-(707)-773-1236
Account No. N1020

Unit:

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
BRYSON CANYON UNIT 18	43-019-31169	9675	09-17S-24E	FEDERAL	GW	P
BRYSON CANYON FEDERAL 17	43-019-31092	2865	17-17S-24E	FEDERAL	GW	P

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 08/28/2000
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 10/20/2000
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 11/01/2000
4. Is the new operator registered in the State of Utah: YES Business Number: 567043-0143
5. If **NO**, the operator was contacted on: _____
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 10/17/2000
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC") Prog:** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 11/02/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 11/02/2000
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 2.26.07

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:
